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 Autonomous Decentralized Systems, 2001. Proceedings. 5th International Symposium on , 26-28 March 2001
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Ip, M.T.W.; Lin, W.W.K.; Wong, A.K.Y.; Dillon, T.S.; Dianhui Wang;
 Object-Oriented Real-Time Distributed Computing, 2001. ISORC - 2001. Proceedings. Fourth IEEE International Symposium on , 2-4 May 2001
 Pages:138 - 144

[Abstract] [PDF Full-Text (452 KB)] IEEE CNF

50 Software architectures for collaborative proxies in wide area information systems

Brunie, L.; Coquill, D.; Simon, S.;

Database and Expert Systems Applications, 2001. Proceedings. 12th International Workshop on , 3-7 Sept. 2001

Pages:146 - 150

[Abstract] [PDF Full-Text (448 KB)] IEEE CNF

51 Interleaved backtracking in distributed constraint networks

Hamadi, Y.;

Tools with Artificial Intelligence, Proceedings of the 13th International Conference , 7-9 Nov. 2001

Pages:33 - 41

[Abstract] [PDF Full-Text (132 KB)] IEEE CNF

52 Collaborative environment for supporting Web users

Aoki, Y.;

Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Vol 4 , 7-10 Oct. 2001

Pages:2309 - 2316 vol.4

[Abstract] [PDF Full-Text (632 KB)] IEEE CNF

53 The next software revolution

Talukdar, S.;

Power Engineering Society Summer Meeting, 1999. IEEE , Volume: 2 , 18-22 1999

Pages:843 - 845 vol.2

[Abstract] [PDF Full-Text (204 KB)] IEEE CNF

54 An approach to mixed-initiative management of heterogeneous software agent teams

Burstein, M.H.; Muivehill, A.M.; Deutsch, S.;

System Sciences, 1999. HICSS-32. Proceedings of the 32nd Annual Hawaii International Conference on , Volume: Track8 , 5-8 Jan. 1999

Pages:10 pp.

[Abstract] [PDF Full-Text (92 KB)] IEEE CNF

55 A CORBA framework for QoS-guaranteed multicast service in wireless ATM networks

Longsong Lin; Lih-Chyau Wuu; Chun-Yeh Tsai; Yao-Te Huang; Ruel-Yau Liu; Communications, 1999. ICC '99. 1999 IEEE International Conference on , Vol 1 , 6-10 June 1999

Pages:630 - 635 vol.1

[Abstract] [PDF Full-Text (512 KB)] IEEE CNF

56 Individual and collaborative behaviors in a team of homogeneous robotic soccer agents
Veloso, M.; Stone, P.;
Multi Agent Systems, 1998. Proceedings. International Conference on , 3-7 Ju
1998
Pages:309 - 316

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57 A high level visual notation for understanding and designing collaborative, adaptive behaviour in multiagent systems
Buhr, R.J.A.; Elammari, M.; Gray, T.; Mankovski, S.;
System Sciences, 1998., Proceedings of the Thirty-First Hawaii International Conference on , Volume: 6 , 6-9 Jan. 1998
Pages:180 - 190 vol.6

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KODAMA: as a distributed multi-agent system

Guoqiang Zhong [Takahashi, K.](#) [Helmy, T.](#) [Takaki, K.](#) [Mine, T.](#) [Kusakabe, S.](#) Ama Graduate Sch. of Inf. Sci. & Electr. Eng., Kyushu Univ., Fukuoka, Japan;

This paper appears in: Parallel and Distributed Systems: Workshops, Se International Conference on, 2000

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On page(s): 435 - 440

Reference Cited: 8

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Inspec Accession Number: 6763150

Abstract:

With the explosion of the Internet, we are evolving a worldwide network computing environment. At this point, the surged challenge is the next evolutionary technology for the Internet-oriented applications. A KODAMA (Kyushu university Open and Autonomous Multi-Agent) system is deployed for this demand. KODAMA system interconnect disparate and distributed agents together to solve some problems. The solution is typically beyond any singular agent's capabilities. The key aspects of agents are their autonomy, collaboration, flexibility, as well as stability. To obtain these features, an appropriate scheme of collaboration among agents is clearly defined. Our new approach focuses on both raising the level of abstraction at which agents cooperate with each other, and hiding the implementation details of communication from agents.

Index Terms:

Internet [multi-agent systems](#) [object-oriented programming](#) [open systems](#) [Internet oriented applications](#) [KODAMA agents](#) [KODAMA system](#) [Kyushu university Open and Autonomous Multi-Agent](#) [abstraction](#) [agent collaboration](#) [distributed agents](#) [distributed agent system](#) [evolutionary technology](#) [worldwide network computing environment](#)

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**The next software revolution**

Talukdar, S.

Carnegie Mellon Univ., Pittsburgh, PA, USA;

This paper appears in: Power Engineering Society Summer Meeting, 1999

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On page(s): 843 - 845 vol.2

Volume: 2

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Number of Pages: 2 vol. (xxiv+1373)

Inspec Accession Number: 6440595

Abstract:

We are on the threshold of another revolution in software technology. Previous revolutions have made it dramatically easier for people to write, distribute, use software. This revolution will provide software agents with the ability to do things for themselves. More specifically, it will provide the means for making software a lot more autonomous (so that burdensome managerial superstructures become unnecessary) and collaborative (so agents can work together in large groups on big and difficult

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